

- 34 -

ABSTRACT OF THE DISCLOSURE

Optical fiber having a glass portion; at least one protective coating of thermoplastic material having at least one thermoplastic elastomer; the thermoplastic material having the following characteristics: a modulus of elasticity value at +25°C lower than 150 MPa, preferably at least 10 Mpa, more preferably higher than 20 Mpa, and a Vicat point higher than 85°C, preferably higher than 120°C, more preferably lower than 350°C. Preferably, the coating is a single protective coating directly positioned onto the glass portion.